L	Hits	Search Text	DB	Time stamp
Number		+ <u></u>	<u>:</u>	
	1	("6330255").PN.	USPAT;	2003/07/31
i			US-PGPUB;	12:52
			EPO; JPO	0000107/04
:	2672	((385/4-11).ccls.and(tunableortuning)andgrat		2003/07/31
			US-PGPUB;	12:53
			EPO; JPO	i
3	272	(385/4-11).ccls. and (tunable or tuning) and	USPAT;	2003/07/31
		grating	US-PGPUB;	12:54
			EPO; JPO	
	186	(385/\$).ccls. and (gain or amplifier or laser)	USPAT;	2003/07/30
		and ((tunable or tuning) near4 grating) and	US-PGPUB;	11:30
		modulator	EPO; JPO	
	10	(385/\$).ccls. and (amplif\$4 not amplifier)	USPAT;	2003/07/28
1		and ((tunable or tuning) near4 grating) and	US-PGPUB;	18:34
		modulator	EPO; JPO	
	304	(385/\$).ccls. and (amplif\$4 or gain or laser)	USPAT;	2003/07/28
		and ((tunable or tuning) near4 filter) and	US-PGPUB;	18:34
		modulator	EPO; JPO	
	88	(385/\$).ccls. and (amplif\$4 or gain or laser)	USPAT;	2003/07/28
'		and ((tunable or tuning) near4 (filter not	US-PGPUB;	19:08
į		grating)) and modulator	EPO; JPO	
	218	(385/\$).ccls. and (amplif\$4 or gain or laser)	USPAT;	2003/07/28
		and ((tunable or tuning) near4 (filter or	US-PGPUB;	19:09
		grating)) and (mach near3 zehnder)	EPO; JPO	
	75	(385/\$).ccls. and (amplif\$4 or gain or laser)	USPAT;	2003/07/29
i		and ((tunable or tuning) near4 (filter or	US-PGPUB;	12:33
		grating)) and ((mach near3 zehnder) not	EPO; JPO	
		modulator)		
	44	Deacon.in. and tunable and grating	USPAT;	2003/07/29
		3	US-PGPUB;	12:35
			EPO; JPO	
	43	Deacon.in. and tunable and grating and	USPAT;	2003/07/29
		(modulat\$3 or (phase near4 shift\$3))	US-PGPUB;	12:43
		(modulates of (phase from 1 smitter))	EPO; JPO	
!	378	(gain near4 (medium or region)) and	USPAT;	2003/07/29
;	3,0	((tunable or tuning) near4 (grating or filter	US-PGPUB;	12:45
:	:	or mirror)) and (modulator or (mach near3	EPO; JPO	121-75
		zehnder))	L. 0, 0r 0	
	205	(gain near4 (medium or region)) and	USPAT;	2003/07/29
!	203	((tunable or tuning) near4 (grating or filter	US-PGPUB;	12:45
:	!	or mirror)) and (modulator or (mach near3	EPO; JPO	14177
İ		zehnder)) and substrate	Li O, Jro	
i I	230	• •	USPAT;	2003/07/30
1	230	(lithium near4 niobate) near4 semiconductor	•	11:39
		semiconductor	US-PGPUB;	11133
		/"6320255"\ DN	EPO; JPO	2002/07/20
:	1	("6330255").PN.	USPAT;	2003/07/30
i			US-PGPUB;	12:58
		/Annuals wash as == -14 == \ 41	EPO; JPO	0000/07/00
	520	(trench near4 capacitor).ti.	USPAT;	2003/07/30
			US-PGPUB;	11:47
			EPO; JPO	

	1	(385/4-10).ccls. and (trench near4	USPAT;	2003/07/30
	!	capacitor)	US-PGPUB;	11:52
	•		EPO; JPO	
	11	(trench near4 capacitor) and (optic\$2 near4	USPAT;	2003/07/30
		modulator) not (385/4-11).ccls.	US-PGPUB;	11:56
			EPO; JPO	
	1	("5002349").PN.	USPAT;	2003/07/30
:			US-PGPUB;	13:31
	İ		EPO; JPO	
	52	((tunable or tuning) near4 (laser or grating))	USPAT;	2003/07/30
		and wavelength and (gain near4 medium)	US-PGPUB;	13:50
		and multiplexer and demultiplexer	EPO; JPO	!
	1	("20030021305").PN.	USPAT;	2003/07/30
	:		US-PGPUB;	13:51
	İ		EPO; JPO	
	1	("20030021305").PN.	USPAT;	2003/07/30
	!		US-PGPUB;	16:37
			EPO; JPO	
	16	valencia.xa. and dan\$3.xa.	USPAT;	2003/07/30
			US-PGPUB;	16:37
			EPO; JPO	
ı	1	("1094574").PN.	EPO	2003/07/30
				17:09

2003/07/31 (US-6330255-\$ or US-5002349-\$ or USPAT; 12:09 **US-PGPUB:** US-6172791-\$ or US-6480513-\$ or **EPO** US-6134250-\$ or US-6580855-\$ or US-6584260-\$ or US-6449073-\$ or US-6453095-\$ or US-6400869-\$ or US-6389195-\$ or US-6393185-\$ or US-6330383-\$ or US-6370290-\$ or US-6330388-\$ or US-6356674-\$ or US-6298185-\$ or US-6282340-\$ or US-6221565-\$ or US-6226424-\$ or US-6166837-\$ or US-6215928-\$ or US-6137442-\$ or US-6058226-\$ or US-6081361-\$ or US-5946129-\$).did. or (US-5982963-\$ or US-5991061-\$ or US-5732177-\$ or US-5719971-\$ or US-5613020-\$ or US-5581642-\$ or US-5579143-\$ or US-5557442-\$ or US-5555118-\$ or US-5519802-\$ or US-5191625-\$ or US-5091983-\$ or US-4904045-\$ or US-4039249-\$ or US-5615041-\$ or US-5627927-\$ or US-6407846-\$ or US-6058227-\$ or US-5949925-\$ or US-5570438-\$ or US-4667331-\$ or US-6522812-\$ or US-6411746-\$ or US-6330378-\$ or US-6282332-\$ or US-5751868-\$ or US-5812709-\$).did. or (US-20030099018-\$ or US-20020122241-\$ or US-20030053507-\$ or US-20030021305-\$ or US-20030123827-\$ or US-20020119400-\$ or US-20020101648-\$ or US-20020009274-\$ or US-20020076149-\$ or US-20010021294-\$ or US-20020131662-\$ or US-20030021516-\$ or US-20030035172-\$ or US-20030086655-\$ or US-20030091086-\$ or US-20030053495-\$ or US-20030025976-\$).did. or

(EP-1094574-\$).did.

55 ((US-6330255-\$ or US-5002349-\$ or USPAT: US-PGPUB: US-6172791-\$ or US-6480513-\$ or US-6134250-\$ or US-6580855-\$ or EPO; JPO US-6584260-\$ or US-6449073-\$ or US-6453095-\$ or US-6400869-\$ or US-6389195-\$ or US-6393185-\$ or US-6330383-\$ or US-6370290-\$ or US-6330388-\$ or US-6356674-\$ or US-6298185-\$ or US-6282340-\$ or US-6221565-\$ or US-6226424-\$ or US-6166837-\$ or US-6215928-\$ or US-6137442-\$ or US-6058226-\$ or US-6081361-\$ or US-5946129-\$).did. or (US-5982963-\$ or US-5991061-\$ or US-5732177-\$ or US-5719971-\$ or US-5613020-\$ or US-5581642-\$ or US-5579143-\$ or US-5557442-\$ or US-5555118-\$ or US-5519802-\$ or US-5191625-\$ or US-5091983-\$ or US-4904045-\$ or US-4039249-\$ or US-5615041-\$ or US-5627927-\$ or US-6407846-\$ or US-6058227-\$ or US-5949925-\$ or US-5570438-\$ or US-4667331-\$ or US-6522812-\$ or US-6411746-\$ or US-6330378-\$ or US-6282332-\$ or US-5751868-\$ or US-5812709-\$).did. or (US-20030099018-\$ or US-20020122241-\$ or US-20030053507-\$ or US-20030021305-\$ or US-20030123827-\$ or US-20020119400-\$ or US-20020101648-\$ or US-20020009274-\$ or US-20020076149-\$ or US-20010021294-\$ or US-20020131662-\$ or US-20030021516-\$ or US-20030035172-\$ or US-20030086655-\$ or US-20030091086-\$ or US-20030053495-\$ or US-20030025976-\$).did. or (EP-1094574-\$).did.) and (thermal\$2 or

2003/07/30

17:16

temperature)

(EP-1094574-\$).did.) and (thermal\$2 or

temperature or heater)

2003/07/31

08:18

Search History 7/31/03 12:54:45 PM Page 5

1	((US-6330255-\$ or US-5002349-\$ or	USPAT;	2003/07/31
	US-6172791-\$ or US-6480513-\$ or	US-PGPUB;	08:19
	US-6134250-\$ or US-6580855-\$ or	EPO; JPO	
	US-6584260-\$ or US-6449073-\$ or	!	! :
	US-6453095-\$ or US-6400869-\$ or		
	US-6389195-\$ or US-6393185-\$ or	1	
	US-6330383-\$ or US-6370290-\$ or		
	US-6330388-\$ or US-6356674-\$ or	İ	
	US-6298185-\$ or US-6282340-\$ or	:	
	US-6221565-\$ or US-6226424-\$ or	İ	:
	US-6166837-\$ or US-6215928-\$ or	I	
	US-6137442-\$ or US-6058226-\$ or		
	US-6081361-\$ or US-5946129-\$).did. or		
	(US-5982963-\$ or US-5991061-\$ or	•	!
	US-5732177-\$ or US-5719971-\$ or		
	US-5613020-\$ or US-5581642-\$ or	i	
	US-5579143-\$ or US-5557442-\$ or		
	US-5555118-\$ or US-5519802-\$ or		
	US-5191625-\$ or US-5091983-\$ or		
	US-4904045-\$ or US-4039249-\$ or		!
	US-5615041-\$ or US-5627927-\$ or	1	
	US-6407846-\$ or US-6058227-\$ or		
	US-5949925-\$ or US-5570438-\$ or	: 	
	US-4667331-\$ or US-6522812-\$ or		ı
	US-6411746-\$ or US-6330378-\$ or		
	US-6282332-\$ or US-5751868-\$ or		
	US-5812709-\$).did. or (US-20030099018-\$ or	İ	ı
	US-20020122241-\$ or US-20030053507-\$ or	 	
	US-20030021305-\$ or US-20030123827-\$ or		
	US-20020119400-\$ or US-20020101648-\$ or	:	
	US-20020009274-\$ or US-20020076149-\$ or		
	US-20010021294-\$ or US-20020131662-\$ or		:
	US-20030021516-\$ or US-20030035172-\$ or		:
	US-20030086655-\$ or US-20030091086-\$ or		I
	US-20030053495-\$ or		
	US-20030025976-\$).did. or		<u> </u>
	(EP-1094574-\$).did.) and (silicon and		
	polysilicon)	!	İ
11		USPAT;	2003/07/31
••	(silicon and polysilicon)	US-PGPUB;	08:28
	formon and horizontanii	EPO; JPO	: = = = =
20	(385/\$).ccls. and (polysilicon near4 grating)	USPAT;	2003/07/31
2 U	•	1	
	and (tuning or tunable)	US-PGPUB;	08:28

EPO; JPO